



New Super Nova Series

Transformer-Based Online UPS

Power range: 10-30 KVA

Capacity	10KVA	20KVA	30KVA
AC input			
Voltage	380VAC±20%		
Frequency	50 (60)Hz±5%		
Phase	Three phases + Grounding		
Max.current	16A	32A	56A
AC output			
Voltage	220V		
Frequency	50 (60)Hz		
Voltage	±1%		
frequency	±0.5% (When disconnection)		
Wave form	SPWM sine wave		
Power factor	0.8 Later		
distortion	<3% (linear load)		
Battery			
Voltage	192VDC		240VDC
Model	Lead –acid free maintenance		
Charging time	90% capacity after 8-10 hours		
Alarm			
Utility disconnect	Buzzer beeps once every four seconds		
Battery exhausted	Buzzer beeps once every one second		
Overload	Overload indicator light is solid on, buzzer continuously beeps for long-time.		
UPS abnormal	Fault indicator light is solid on, buzzer continuously beeps for long-time.		

Capacity	10KVA	20KVA	30KVA
Internal protection equipment and LCD panel			
Battery	UPS automatically shutdowns when battery is low power level, there is no fuse switch protection.		
Overload	When load reaches 110~150% of rating, transfer to bypass after 30s, recover auto after unload.		
Over-temperature	Automatically transfer to bypass if UPS internal temperature > 85℃		
Output short-circuit	Limit current, automatic shutdown, fuse and there no fuse switch protection.		
UPS abnormal	Automatically transfer to bypass and supplied power by utility		
Noise filter	10~100KHz at 40Db; 100KHz~100MHz at 70dB		
LCD display	input, output voltage, frequency, battery voltage, output power (%), temperature		
Battery BVL	One LED, it lit on when battery low voltage		
Environment			
Temperature	0~40℃		
Humidity	0~95%, non-condensing		
Noise	<58dB (1m)		
General			
Output socket	Terminal plate		
Unit weight	185Kg	235Kg	336Kg
Dimension (mm)	409*1044*798		555*1200*741
others			
Full efficiency	>85%		
Transform time	0ms		
UPS status indicator	Utility, inverter, bypass, UPS abnormal (fault)		
Communication interface	RS232 interface of DB9 model		